

SBARA's President Corner.....

Happy New Year, SBARA Members!

So...what does 2007 and 2014 have in common for SBARA? If you've been around for these last seven years, the answer is that the president was/is Steve Wilson...but the callsign is different. Since I always seem to be competing with the *other* Steve Wilson (KA6S), it seems only appropriate for me to serve as SBARA president.

I'd like to take a moment to thank the 2013 SBARA Board of Directors and appointees for their support to the club last year. We couldn't have done it without you! I'm excited about our 2014 Board of Directors continuing the momentum of keeping interesting guest speakers lined up, keeping the energy up, helping to ensure that we all have fun, as well as helping to grow the club membership. The new Board has all kinds of fresh ideas that we are excited to share over the next year, but we need your help!

In addition to participating in our regular monthly meetings, we encourage you to attend board meetings and get further involved with your club. It is a great way to get a better understanding of how the club works behind the scenes, as well as provides a direct connection for you to share your ideas or help share the load. It's also a great way to ease into the path to become a board member. Many of us are busy with our jobs and personal lives. The more people who participate and help share the load, the easier it is for everyone!

The success of our club is a group effort! Interest in amateur radio, like all hobbies, tends to fluctuate depending on circumstances in our lives at the time. This happened to me a few years ago. To those of you who have been participating in recent meetings, I hope you will continue to stay engaged with SBARA. To those of you who have been away, I invite you to consider finding the time to re-engage. We'd love to see you!

I continue to be more and more excited about the hobby and I'm excited about leading SBARA this year as your president! I'm always willing to hear feedback that you may want to share. Please don't hesitate to let me know what is working and what is not!

Steve Wilson
KG6HJU



You might want to explore a wide assortment of amateur radio apps discussed in the January Digital Edition of QST. Also, a new Android QST app is available for reading the digital version of the QST magazine on your Android Smartphone, which complements the iPhone version that came out last year. Now, regardless of whether you have an iPhone or an Android device, you can now read the digital QST on your Smartphone, iPad or Tablet.





Come Meet YOUR SBARA 2014 Board

President	Steve Wilson, KG6HJU
Vice-President	Deborah Patten , AG6HJ
Treasurer	Don Amyx, N6DA
Secretary	Ray Fellers , KJ6AMF

The appointed positions are for the Quarter Master, Membership Chairman, Newsletter Editor, and Club Photographer. Several club members at large and the Past President continue to offer their support to the new Board. Several of the appointed 2013 officers have volunteered for 2014 again, but we still need **YOU** on the Board: as a Member At Large. You might get speakers for membership meetings or help plan the next SBARA field day.

With the beginning of the new year. We are asking for you to turn in your membership dues. New this time: we will give you a chance to support local repeaters. This money will go into a dedicated SBARA repeater funds which will be used to keep our local repeaters alive. Repeater providers need to pay for rent and electricity. At this time we are actively supporting the Tri County Amateur Radio Club which provides the 147.015 MHz repeater in Niles. We believe it's only fair if we repeater users help them with a share. So, if you can, please consider donating an extra \$5 or more for this local vital communications service.



Calendar and Things to Do

January

ARRL Centennial QSO Party 1/1 – 365 days, all 50 states, all bands, many modes

ARRL RTTY Roundup 4-5

NA QSO Party, CW 11-12

Club meeting 14

Board of Directors Meeting 27

There are plenty of contests in January operating in many modes on various bands, so find one and listen in.

Check out <http://www.hornucopia.com/contestcal/weeklycont.php> to see what's coming up.

SB SPCL @ ARL \$ARLX001

ARLX001 W100AW active for ARRL's Centennial Year

ZCZC AX01

QST de W1AW

Special Bulletin 1 ARLX001

From ARRL Headquarters

Newington CT January 2, 2014

To all radio amateurs

SB SPCL ARL ARLX001

ARLX001 W100AW active for ARRL's Centennial Year

A reminder that the FCC has authorized the Maxim Memorial Station W1AW to also use the call sign W100AW during 2014, the ARRL's centennial year.

Contacts made from the Maxim Memorial Station in Newington, from regional Centennial conventions, and during the IARU HF Championship will use W100AW, with portable designators as appropriate. The "W1AW WAS" operations throughout 2014 from each of the 50 states will use W1AW, not W100AW.

Bulletins and code practice transmissions during 2014 also will still use W1AW. Contacts with W100AW are worth 100 points in the ARRL Centennial QSO Party.

Information on the ARRL Centennial QSO Party may be found on the web at, <http://www.arrl.org/centennial-qso-party>.



AN IDEA THAT CAME "IN A FLASH" – A PHOTOGRAPHER'S LIGHT STAND AND SCREWDRIVER ANTENNA

You've seen those HD light stands they use at weddings to create great effects on the wedding couple. Why not use it as a ground plane to hold a "screwdriver" antenna. That's what gave John Marshall, WA7BSR, the idea for a back yard portable antenna. The tower restrictions in Peoria, AZ held him back from a full size tower. John's story of his conversion of the screwdriver he had on his Jeep begins on page 35 of the January issue of QST. Included are instructions, parts list and photos.

Fremont "T" Hunt



Transmitter hunting (also known as **T-hunting**, **fox hunting**, **bunny hunting**, and **bunny chasing**), is an activity wherein participants use [radio direction finding](#) techniques to locate one or more radio [transmitters](#) hidden within a designated search area. This activity is most popular among [amateur radio](#) enthusiasts, and one organized sport variation is known as [amateur radio direction finding](#). [ing.org](#) organized sport variation is known as [amateur radio direction finding](#).

ARLB001 W1AW 2014 Winter Operating Schedule

ZCZC AG01

QST de W1AW

ARRL Bulletin 1 ARLB001

From ARRL Headquarters

Newington CT January 2, 2014

To all radio amateurs

SB QST ARL ARLB001

ARLB001 W1AW 2014 Winter Operating Schedule

Morning Schedule:

Time	Mode	Days
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1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)

1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	DIGITAL	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	DIGITAL	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW:	1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
DIGITAL: -	3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE:	1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule. All users who connect to the conference server are muted. Please note that any questions or comments about this server should not be sent via the "Text" window in EchoLink. Please direct any questions or comments to w1aw@arrl.org.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 42 in the January 2014 issue of QST or on the web at, <http://www.arrl.org/w1aw-operating-schedule>.

Learn Code the EASY Way

Beginners, Amateurs and Experts alike recommend the INSTRUCTOGRAPH, to learn code and increase speed.

Learning the INSTRUCTOGRAPH way will give you a decided advantage in qualifying for Amateur or Commercial examinations, and to increase your words per minute to the standard of an expert. The Government uses a machine in giving examinations.

Motor with adjustable speed and spacing of characters on tapes permit a speed range of from 3 to 40 words per minute. A large variety of tapes are available — elementary, words, messages, plain language and coded groups. Also an "Airways" series for those interested in Aviation.

MAY BE PURCHASED OR RENTED

The INSTRUCTOGRAPH is made in several models to suit your purse and all may be purchased on convenient monthly payments if desired. These machines may also be rented on very reasonable terms and if when renting you should decide to buy the equipment the first three months rental may be applied in full on the purchase price.

ACQUIRING THE CODE

It is a well-known fact that practice and practice alone constitutes ninety per cent of the entire effort necessary to "Acquire the Code," or, in other words, learn telegraphy, either wire or wireless. The Instructograph supplies this ninety per cent. It takes the place of an expert operator in teaching the student. It will send slowly at first, and gradually faster and faster, until one is just naturally copying the fastest sending without conscious effort.

BOOK OF INSTRUCTIONS

Other than the practice afforded by the Instructograph, all that is required is well directed practice instruction, and that is just what the Instructograph's "Book of Instructions" does. It supplies the remaining ten per cent necessary to acquire the code. It directs one how to practice to the best advantage, and how to take advantage of the few "short cuts" known to experienced operators, that so materially assist in acquiring the code in the quickest possible time. Therefore, the Instructograph, the tapes, and the book of instructions is everything needed to acquire the code as well as it is possible to acquire it.

THE INSTRUCTOGRAPH CO.

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MACHINES FOR RENT OR SALE



Many learned CW this way.....

The Instructograph

ACCOMPLISHES THESE PURPOSES:

FIRST: It teaches you to receive telegraph symbols, words and messages.

SECOND: It teaches you to send perfectly.

THIRD: It increases your speed of sending and receiving after you have learned the code.

With the Instructograph it is not necessary to impose on your friends. It is always ready and waiting for you. You are also free from O.R.M. experience in listening through your receiver. This machine is just as valuable to the licensed amateur for increasing his speed as to the beginner who wishes to obtain his amateur license.

Postal Card WILL BRING FULL PARTICULARS IMMEDIATELY

1967 ad

Get Involved with SBARA...



...come to a monthly meeting

Our regular meetings take place the second Friday of at 7pm our meeting social begins with the monthly meeting starting at 7:30pm. Everyone is welcome to attend, regardless of whether you are a member. Bring a friend! Or if you're thinking about becoming a ham, come and learn about the hobby!

Exam sessions are conducted by SBARA VE volunteers working under the direction of the FCC. There is a charge for taking the exam.

The exam fee is set by the Volunteer Exam Coordinator. SBARA's Fee is \$15.00

SBARA VE Testing Schedule

Exams will be administered at Hurricane Electric, 48233 Warm Springs Blvd., Fremont. Contact: Greg Miller, wy6p at arrl dot net for info. \$15 fee, bring a photo ID. Walk-ins allowed.

Tri-City VE Session Dates 2014

Watch this space for Exam Dates for 2014 !!!

Check www.sbara.org for available dates.....



Are you looking for your favorite Repeater? Here is information you can use!

WA6PWW— 147.015 + 600Khz, PL 103.5

WA6PWW—223.900—500Khz, PL 107.2

WA6PWW—442.600 +5Mhz, PL107.2

K6AIR—146.940—600Khz, PL 123.0

K6AIR—441.525 +5Mhz, PL 123.0

ARES Net Meeting—Tuesday Evenings @ 7:30pm on 147.015+600Khz, PL 103.5



Monday SBARA Net

The SBARA net is take place....

Every Monday night at 7:30 pm on the WA6PWW repeater, 147.015 MHz, positive offset, PL (if enabled) 103.5 Hz.

Topics are club related things, projects you're working on and so on. It's a chat net. We need net control operators. If you'd like to be net control, let us know during the next net

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—... ..—

Bernhard AE6YN

SBARA Weekly Nets—Voice and CW Action!!

The Slow CW Net is Takes Place

Every Thursday and Sunday night at 7:30 pm,
Thursday on 144.230 MHz and Sunday on 7.057MHz +/- 3 kHz

You need an “all mode” transceiver in order to participate in this Net.

The net has now its own e-mail address. Please contact us here:
“SF Bay CW Enthusiasts” <sf-bay-cw-enthusiasts at google-groups.com>

—... ..—

Bernhard AE6YN

SBARA Local Nets...

Our take place the second Monday at 7:30 pm. We also have a CW Net on Sundays at 7:30 pm on 2 meters. Everyone is welcome to sign in to one or both of these fun Nets, regardless of whether you are a member or not.

Local nets are those which cover small areas such as a community, city, county or metropolitan area, not a complete ARRL section SBARA oper-





SBARA - Groundplane

The Groundplane is published monthly by the South Bay Amateur Radio Association. Articles and letters are always welcome. The normal deadline for material is the 25th day of each month for the next month's news-letter. Articles can be sent by email to ham radio at Comcast dot net or via U.S. Mail. Contact the Editor for details and submission guidelines.

January Action Packed Meeting

January 10th, 2012 at 7:30pm Hurricane Electric, Fremont

Amateur License Exams

ARRL VEC— January 10 @ 11:30 am at Hurricane Electric – 48233 Warm Springs Blvd. Fremont. **Contact:** Greg , ae6yn at arrl dot net for info. \$15 fee.

Additional information is described at Website, www.sbara.org

Select License Exams from the Navigation URL.

Did any of you learn or use these Amateur Radio Training Aids or Operating Receiver as you began your Hobby? These Ads appeared in The Ground Plane in 1967!!

LAFAYETTE
Amateur—SWL Gear

**10-80 Meter Dual Conversion
SSB/AM/CW Amateur Receiver**

Model HA-350 **HA-94 Speaker Mate (optional)**

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5 HAM BANDS PLUS WWV
3.5– 4.0Mc 7.0– 7.5Mc 14.0–14.5Mc 21.0–21.5Mc 28.5–29.1Mc WWV at 15Mc

- Mechanical Filter for Exceptional Selectivity
- Complete with Crystals for 80, 40, 20, 15 and 10 Meters
- Product Detector—Selectable Upper Lower Sideband Reception
- 100 KC Crystal Calibrator and Crystal BFO
- Dual Conversion with Automatic Noise Limiter
- Crystal Controlled 1st Oscillator
- Preselector Tuning
- Geared Tuning Mechanism
- All Heterodyning Crystals Supplied
- "S" Meter 1 to 9 and up to +40 db
- Coax Antenna Input
- 8 and 500-ohm Outputs

MECHANICAL FILTER

Ultra-sharp selectivity is achieved by means of a true mechanical bandpass filter in the 455 Kc IF section. The filter consists of three sections—an input transducer, 6 non-corrosive nickel alloy resonators and an output transducer.

Lafayette Radio.. major east coast electronic store.

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